

REMARKS

Supplemental to the Amendment filed on September 24, 2009, the claims of the present application have been further amended to expressly recite additional features of the claimed invention.

More specifically, new dependent claims 24 and 25 have been added to expressly recite that the flush power of the claimed method (independent claim 1) and the claimed system (independent claim 11) is increased with increasing hole depth. These new claims are supported by the disclosure in the original Specification at, for example, page 4, lines 3-16.

Applicant respectfully submits that new dependent claims 24 and 25 are allowable over the prior art applied in the Official Action dated April 22, 2009 for the numerous reasons discussed in the Amendment filed on September 24, 2009. Among other things, claims 24 and 25 are clearly distinguishable over the Hobhouse patent (U.S. Patent No. 3, 550, 697) applied in the rejection of the claims made in the Official Action dated April 22, 2009, because the Hobhouse patent, contrary to the invention disclosed and claimed by Applicant, teaches controlling the weight on bit by flush power to correct for different drilling conditions dependent on different layers of earth, as more fully discussed in the prior Amendment.

Applicant respectfully requests that the Examiner, in his discretion pursuant to Manual Of Patent Examining Procedure, Eighth Edition, August 2001, Section 714.03(a), enter and

consider the present Supplemental Amendment on the grounds that it will advance the prosecution of this patent application.

Applicant respectfully submits that all pending claims are in condition for allowance.

Enclosed is the fee for the two newly added dependent claims 24 and 25.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'M. P. Stone', written in a cursive style.

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